P.W.G. 17 — 1st and Final Bill — Original/Duplicate/Triplicate

NCC

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division: Yelahanka — Sub division: Yelahanka New Town — Sub-divisional / Divisional

YNK-DEPT No. 137 Date 26.11.2020

AEE, YSTSD

Bills received No — Date — SBR No: 83/20-21

Sheduled Docket No — Cash book vr No — Date: 21/10/2020

Name of work(as per sanctioned estimate) :- — Head of account P-3226

Work Code:004-20-000157

NAME OF WORK :**Improvements to roads and drains balance main and cross roads of Juidcial layout in ward no:04**

Name of contractor and full address :- **Sri.Kiran Gowda. D (Sri Channakeshawa Enterprises), No 882, Nagasandra Post, Bangalore-73**

Reference to agreement No :- 68 — **Estimated cost : 25.00** — **Work order No : 75, dt:02/07/2020**

Certified that the measurments were taken by me on 29/09/2020 and recorded on pages 115142 to 162 of measurment book No 1152 and the work is satisfactorily executed by the contractor

K G D.

Signature of contractor

Ramaraj
Asst. Engineer

Certified that the measurments were taken by me on 29/09/2020 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within	
2) Deduct amount to be held in reserve being——percent Rs————%	
3)	
4) Deduct payments — Balance	
a) Amount of previous payment as in divisional/sub divisional cash book vr No———dated———S.D No———Amount	
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	
Total	
5). Balance being unpaid value of work done held in reserve	
6) Deduct cash of advance made on divisional/sub divisional cash book	
7) Net amount due to or from contractor	
UN ADJUSTED ITEMS	
8) Advance to contractor for materials to site(as detailed within)	
9) Value of government materials supplied	
TOTAL AMOUNT UN-ADJUSTED	

Gross Amt = Rs	2138528/-
FSD = Rs	—
CSSR = Rs	19094/-
SGST = Rs	19094/-
IT = Rs	21386/-
LC = Rs	21386/-
CSR = Rs	21394/-
Royalty = Rs	27107/-
I.T. = Rs	110206/-
	2028322/-

Contractor's signatures

Received Rs————(in words)————

For use in the Executive Engineer's office

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

K G D.

Dated signature of contractor

paid by me cheque No dated

Reciept Stamp

Cash Rs.....

Date — Initials of officer making payment — Date

Audited & Admitted for Rs. 2138528/-

[Excess A/C]

2028322/- by Cheque

and Rs. 2138528/- by adjustment

Accts. Supdt. Yelahanka Division BBMP

Executive Engineer

Exe. Engineer Yelahanka Division BBMP

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P No-27 I Ni 5.33)	Sqm			410.40	95.35	39132.00	410.40	39132.00
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0 5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum			134.34	184.42	24775.00	134.34	24775.00
3	Providing and fixing pre cast covering slab 1000 mm thick made out CC1:1.5:3 and jelly 20 mm Down Size with steel reinforcement incldiuing form work, curing incldiuing form cost aof all materails, labour hire charges of Machinary, loading inloading laid and lift transporting etc , complete as per engineering in Charges (Data Rates)	Sqm			136.80	2001.99	273872.00	136.80	273872.00
4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC,Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achi eve the 98% proctor density complete as per specifications	Cum			109.26	1708.95	186720.00	109.26	186720.00

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
5	KSRRB M400-17 Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadamspecifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications MORTH Specification	Cum			145 68 145.39	1714 40	249754 00 249257/-	145 68	249754 00 249257/-
6	KSRRB M500-6 Providing and applying primer coat with S S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0 60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revisio	Sqm			726.95 728 40	24 52	17825/- 17860 00	728 40	17860 00 17825/-
7	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revision	Cum			36 42 36.40	5651 70	205835 00 205721.88	36 42	205835 00 205721.88

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
8	KSRRB 500-7 Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm. heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications Clause 503 of MORTH V revision	Cum			3733.70 3705.62	10.90	40697.00 40391.21	3733.70	40697.00 40391.25
9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision as per IRC SP-53-2015 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic	Cum			112.01 112	6642.38	744013.00 743946.56	112.01	744013.00 743946.56
10	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications MORTH Specification No. 803	Sqm			151.75 151.4	389.55	59114.00 58977.87	151.75	59114.00 58977.87

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	KSRRB M800-35 Supply and Installition of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11 06 1997 The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the	Nos			228 00	306 01	69770 00	228 00	69770 00
			TOTAL				1911542.00		1911542.00
			12% GST CHARGES				229385.00		229385.00
			GRAND TOTAL				2140927.00		2140927.00

Certificate:

Certified that the contractor has work done satisfactorily.

The contractor has removed the debries from work site.

There is no dept. materials issued to the contractor.

1909401
229127.90
2138528/-

Ranganjeerh
Assistant Engineer
Ward No 04

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer
Yelahanka Suburb Sub Division
BBMP, Bangalore-64